APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Explanation of the Shape of Tool-Life Cutting Speed Curves for Metallic and Oxide Cutting Tool Materials in the Range of Low Cutting Speeds, by W. Dawihl, E. Klingler.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXIV, No 11, 1963, pp 867-870.
HB 5733

Sci - Engr
Nov 64

268,483

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Effect of Milling Time on Chemical and Physical Properties of Various Metal Powders, by G. Naeser, W. Scholz, et al.
GERMAN, per. Archiv Eisenhuttenwesen, Vol XXXIII, No 11, 1963, pp 871-878.
HB 6200

Sci-M & M
June 64

261,773

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculation of Mathematical Model of a Blast Furnace, Part I, MX by R. Wartmann. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXIV, No 12, 1963, pp 879-885.
BISI 3581

Sci - Engr
May 64

257,1014

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Analysis of the Creep Behaviour of Heat Resisting Ferritic Steels at Temperatures of 450 to 600°C, by M. Wild.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXIV, No 12, 1963, pp 935-950.
BISI 3621

Sci - M/M
Jun 64

261,121

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Theoretical Significance of the Results of Reduction Experiements on Iron Ores and Sinters Using Gas Mixtures Containing Carbon Monoxide and Carbon Dioxide, by K. H. Kedden, G. Sommer. GERMAN, per, Archiv fuer Eisenhuttenwesen, X Vol XXXV, No 1, 1964, pp 9-14.
BISI 3769

Scl - M/M
Sep 64

266,969

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Derivation, Synthesis and Calculating Processes for a Mathematical Model of a Blast Furnace, Part II, by R. Wartmann.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 1, 1964, pp 15-20.
BISI 3675

Sci - Engr
Aug 64

265,420

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Investigation Into the Crystallization of
Vitreous Solidified Blast Furnace
Slags With Varbous Granulation Temperatures,
by K. Kansch, H. Schwiete.
GERMAN, Per, Arch Eisenh, Vol XXXV,
Jan, 1964, pp 21-26.
BISI 4462

Sci-M/M
Oct 65

290,216

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Fischer, W[ilhelm] A[nton] and Hoffmann, A[lfred]. PHYSICAL AND CHEMICAL PROPERTIES OF CRYSTALLIZED CALCIUM OXIDE. [10]p 20refs
Order from SLA $1.10 TT-64-16651

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1964, v. 35, no. 1, p. 37-38.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 6)

TT-64-16651

I. Fischer, W. A.
II. Hoffmann, A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Sources of Error in the Determination of the Oxygen Contents of Aluminium Killed Steel Specimens, by T. Krans, M. Frohberg.
GERMAN, per., Archiv fuer Eisenhuttenwesen, Vol XXXV, No 1, 1964, pp 39-44.
BISI 3677

Sci - M/M
Jun 64

260,269

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Ageing Behaviour of Pure Iron Containing 0.001 - 0.11% O and 0.001 - 0.28% C (with discussion), by A. Hoffmann, W. A. Fischer.

GERMAN, per, Archiv fur das Eisenhuttenwessen, 1964, Vol XXXV, Jan., pp 45-55.
BISI 3989

278,637

Sci-MM
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Investigations Into Recrystallization in Non-Alloy Mild Steels With Particular Regard to the Effect of Aluminium Nitride, by H. Borchers, Z. Q. Kim. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 1, 1964, pp 57-64.
BISI 3676

Sci - M/M
Nov 64

268,672

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The "Up-Hill" Diffusion of Carbon in Single and Poly-Phase Iron-Carbon Alloys, by H. Wever, H. Flender.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1964, Vol XXXV, Jan., pp 65-73.
BISI 3990

278,639

Sci-M
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Changes in Structure [illegible] Rolling and Heat Treatment of Silicon [illegible] for the Production of [illegible] Structures, by K. Dunert.

GREMAN, Berg- u. Hutten. Mh. Montan. Hochschule, Leoben, Austria, Vol XXXV, No 1, 1964, pp 75-83.

BISI 3601

Sci - Engr
Jul 64

262,156

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Fundamental Investigations into [Explosive] Forming at Maximum Strain Rates, by H. Hansel. GERMAN, per, Archiv Eisenh., Vol 35, No 2, 1964, pp 85-90.
HB 6227

Sci-Materials
Oct 66

313,150

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Pressure Loss in Mixed Size Charges of Spheroidal Particles, by R. Jeschar

GERMAN, per, Archiv fur das Eisenhuttenwessen, 1964, Vol XXXV, Feb, pp 91-108.
BISI 3851

278,631

Sci-TD
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Comparison Between Different Methods of Establishing the Hydrogen Content of Liquid Steel, by H. Zitter, W. Schwarz.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 2, 1964, pp 109-114.
BISI 3678

Sci - M/M
Aug 64

264,259

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

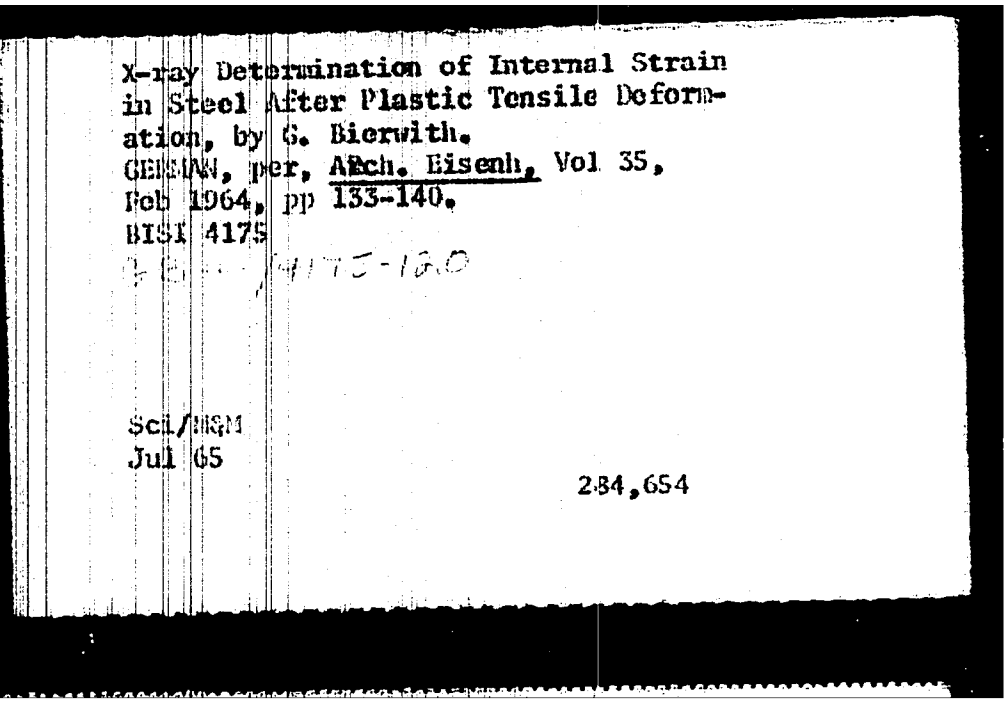
The Effect of the Shape of Non-Metallic Inclusions of the Mechanical Properties of Steel Plate, by H. A. Vogels, F. Bruening,
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 2, 1964, pp 115-127.
BISI 3746

Sci - M/M
Sep 64

267,020

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5



X-ray Determination of Internal Strain in Steel After Plastic Tensile Deformation, by G. Bierwith.
GERMAN, per, Arch. Eisenh, Vol 35, Feb 1964, pp 133-140.
BISI 4175

Sci/HSM
Jul 65

284,654

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Investigations on the Precipitation of Carbon From Iron With Low Carbon Content, by W. Wepner, A. Kochendorfer;
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 2, 1964, pp 141-151.
BISI 3729

Sci - M/M
Oct 64

268,040

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculations of Mathematical Model of a Blast Furnace, Parts II & III, by R. Wartmann.
GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXV, No 1, 2, 1964, pp 15S20, 159-167.
BISI 3675

Sci - Engr, Math & Data Process
Apr 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculation of a Mathematical Model of the Blast Furnace - III
by R. Hartmann.
GERMAN, per, Archiv fur das Eisenhuttenwesen, 1964, 35, Feb., 159-167.
*BISI 3675

Sci/Met & Mat
Mar 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculation of a Mathematical Model of a Blast Furnace, Part IV, by R. Wartmann. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 3, 1964, pp 173-181. BISI 3747

Sci - Engr
Sep 64

267,021

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Delay-Free Control of the Carbon Elimination in the Pneumatic Processes, by H. D. Pantke, L. von Bogdandy.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 3, 1964, pp 193-2101.
HB 6275

Sci - Engr
Oct 64

268,468

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Gainful Uses of the Dust from Brown Fumes, by R. Meldau.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 3. 1964, pp 203-208.
HB 6274

Sci/M&M
Jun 65

280,955

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Carbon Separation in Heat Treatment of Steels as a Functionoof Primary Segregations, by
A. Rose.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 8, 1964, pp 209.
*BISI 3771

Sci - Engr
Jun 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Theory of Notch Impact Strength of Plain Carbon Steel, by K. Wellinger, M. Proger. GERMAN, per, Arch. Eisenh, Vol 35, Mar 1964, pp 221-240.
BISI 4024

EE-Germany
Sci/MEM
Jan 66

294,624

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The System MnO(-FeO)-MgO(-CaO) and its Partition Equilibria With Molten Manganese With Respect to Fe-Mn Alloys, by H. Schenck, M. G. Frohberg, et al. GERMAN, per, Arch. Eisenh, Vol 35, Apr 1964, pp 269-277. BISI 4019

Sci/MGN
Sep 65

289,288

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Kinetics of the Basic Oxygen Process With the Injection of Lime Fines, by W. A. Fischer. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 4, 1964, pp 279-285.
HB 6276

Sci - Engr
Nov 64

268,484

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Contribution to the Evaporation Problem in the Refining of Iron Alloys in a Vacuum Pt. I. Theoretical Determination and Study of Binary Alloys of Iron With As, Mn, Cu and Sn, by W.A. Fischer, H. Deronbach. GERMAN, per. Arch. Eisenh, Vol 35, Apr 1964, pp 307-316.
BISI 5440

Sci/[illegible]
Aug 65

288,740

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Comparative Investigations of Brittle Fracture Sensitivity of Constructional Steels by Impact Bend Tests With Various Types of Samples, by G. Strassberger, D. Schauwinhold. GERMAN. per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 4, 1964, pp 329-337. *BISI 3867

Sci - Engr
Sep 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Effect of the Combinations of Nitrogen With Aluminium and Vanadium on the Mechanical Properties of High Strength Constructional Steels, by H. A. Vogels, P. Konig, et al.
GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXV, Apr 1964, pp 339-351.
BISI 3865
Q 12 T 1769

Sci-Engr
Feb 65

274,538

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

XXX
On the Determination of the Defect Size by the Pulse-Echo, Ultrasonic Technique, by W. Zottmann. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 4, 1964, pp 353-358.
HB 6281

Scl - ENgr
Nov 64

268,485

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Photometric Determination of Aluminum in Steel, Using Chromazurol-S, by H. Brockmann, H. Keller.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 4, 1964, pp 367-369.
HB 6280

EE-Ger
Sci/[illegible]
Jun 65

280,975

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Visual Demonstration of Magnetic Domain Structures in Textured Silicon Steel, by D. Ganz.
GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXV, Apr 1964, pp 371-372.
BISI 3756

Sci-M/M
Feb 65

274,570

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculation Processes of a Mathematical Model of the Blast Furnace, Part V, by R. Wartmann.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 4, 1964, pp 373-380.
BISI 3755

Sci - Engr
Aug 64

265,426

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Partition of Sulphur and Manganese Between Pig Iron Melts and Blast Furnace Slags, by E. Oelsen, O. Oelsen. GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXV, May 1964, pp 381-383.
BISI 3799

Sci-M/M
Feb 65

273,192

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Sulphur and Manganese Distribution Between Pig Iron and Blast Furnace Slags, and Carbon Monoxide Pressure in the Gas, by W. Oelsen.
GERMAN, per, Archiv fuer das Eisenhuttenwesen, X
Vol XXXV, May 1964, pp 389-390.
BISI 3932

Sci-M/M
Feb 65

274,5[illegible]79

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Contribution to the Evaporation Problem in the Refining of Iron Alloys in a Vacuum Pt. II. Investigations on Binary Alloys of Iron with Cr, Co, Ni, Al and Si as well as in the Iron-phosphorus-oxygen System, by W. A. Fischer, M. Derenbach.
GERMAN, per, Arch Eisenh, Vol 35, May 1964, pp 391-399.
BISI 3831

Sci/Mgt
Aug 65

288,741

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Experiences With a Direct- Reading Spectrometer and Its Application to the Analysis of Pig Iron, by T. K. Willmer, W. Liedtke.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 5, 1964, pp 401-405.
HB 6302

Sci - Engr
Nov 64

268,481

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Separation Procedure for the Analysis of Small Amounts of Iron Alloys and their Isolated Structural Constituent.
Part I, by M. Koch, H. Keller, et al.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 5, 1964, pp 407-411.
NB 6285

EU-Ger
Sci/Tech
Jun 65

282,373

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Microanalytical Studies of Carbides and Intermetallic Phases, by W. Koch and H. Keller.
GERMAN, per, Archiv f.d. Eisenhuettenwesen, Vol XXXIV, No 6, 1964, pp 435-438
MB 6269

Sci/RM
Oct 65

288,627

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Effect of Molybdenum, Tungsten, and Columbium on the Long-Time Creep Rupture Behavior of Heat-Resisting 20% Co, 20% Cr, 20% Ni Alloys.
Part I, by H. G. Brandt, K. Beuscher.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 5, 1964, pp 447-453.
HB 6492

EE-Ger
Sci/M&M
May 65

280,728

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Effect of Molybdenum, Tungsten, and Columbium on the Long-Time Creep Rupture Behavior of Heat-Resisting 20% Co, 20% Cr, 20% Ni Alloys. Part II, by H. G. Brandt, K. Deuscher. GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 5, 1964, pp 454-458. MB 6512

EE-Ger
Sci/Tech
Jun 65

282,371

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Pre-Determination of Coke Consumption in the b.f. on the Basis of a Two-Stage Heat, Materials and Reduction m Balance, Part I and II, by E. Schurmann, D. Bulter.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, 1964, pp 475-486.
Sci-Engr
Feb 65

274,557

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Partition of Sulphur and Manganese Between Pig Iron Melts and Blast Furnace Slags: II - Manganese, by W. Oelsen, O. Oelsen.
GERMAN, per, Arch. Eisenh. Vol 35, Jun 1964, pp 487-494.
DISI 4401

QE 4/4401-1305

[redacted]-Germany
Sci/Tech
Feb 66

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Contribution to the Dynamic Theory
of Forging, by H. Lippmann.
GERMAN, per, Arch. Eisenh. Vol 35,
Jun 1964, pp 507-515.
HISI 4071

EE-Ger
Sci/Mfg
Jun 65

282,443

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Heat Transfer in Pelletizing With Mixed Feed,
by R. Jeschar.
GERMAN, per. Archiv Fur das Eisenhuttenwesen,
Vol 35, Jun 1964, pp 517-526.
BISI 3077

Sci/MLM
Apr 65

377,143

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Effect of Low Niobium Contents on the Mechanical Properties and the Structure of Common Structural Steel, by L. Meyer, Ch. Strassburger.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 6, 1964, pp 541-549.
BISI 3841

Sci - Engr
No v 64

268,67'

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Creep Characteristics of Low-Alloy High-Tensile Steels at 20-100°C in Air and in Hydrogen Under High Pressure, by W. Hofmann, J. Vogt.
GERMAN, per, Archiv Eisenhuttenwesen, Vol XXXV, No6, 1964, pp 551-559.
HB Tr No 6325

Sci - Phys
Feb 65

274,992

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Flash Butt Welding of Free-Cutting Steel and Steel With 0.45%C, by W. Bartholome, W. Brand. GERMAN, per, Arch. Eisenh, Vol 35, Jun 1964, pp 561-566. BISI 4173

El-Cor
Sci/M
Jun 65

280,951

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

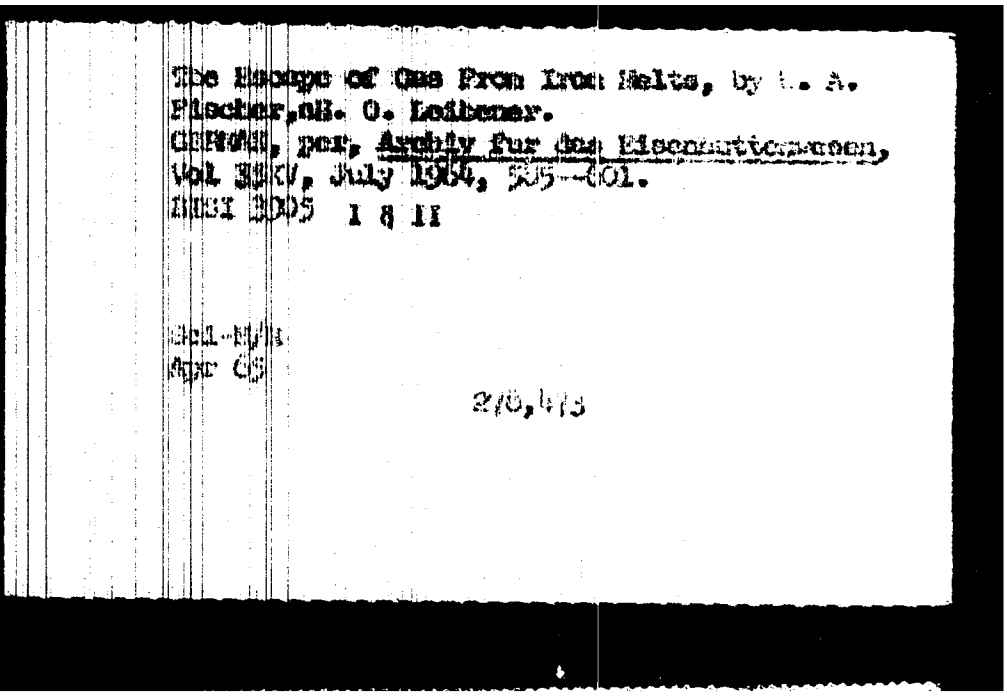
Reduction of Hematite With Hydrogen, by A. Endom, K. Hedden, et al.
GERMAN; per, Archiv fuer Eisenhuttenwesen, Vol XXXV, Jul 1964, pp 577-584.
BISI 3943

Sci-Phys
Feb 65

274,551

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5



The Escape of Gas From Iron Melts, by L. A.
Fischer, Ch. O. Loibner.
Germ, per, Archiv Fur das Eisenhuttenwesen,
Vol XXV, July 1954, 505-501.
DDC 3005 I & II

Del-Mfg
Apr 65

270,413

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Piping and Head Segregations in Ingots When Casting Into Moulds With Refractory-Lined Hot-Tops, by H. Knuppel, A. Diener, et al,
GERMAN, per, Archiv fuer das Eisenhuttenxxxwesen, Vol XXXV, Jul 1964, pp 603-612.
BISI 3873

Sci-M/M
Feb 65

274,576

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Determination of the Gas Content of Ferro-Alloys and Alloying Metals, and Conclusions as Regards Their Usefulness in Service, by O Etterich, H. Taxhet, et al.
GERMAN, per, Archiv fuer Eisen, Vol XXXV, Jul 1964, pp 613-617.
EISI 3870

Sci-M/M
Apr 65

278,725

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Spectroscopic Analysis of Non-Metallic Materials in Iron and Steelworks Laboratories, by M. Reckziegel, G. Staats.
GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXV, Jul 1964, pp 633-636.
BISI 3871

Sci-Engr
Feb 65

274,539

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Determination of the Oxygen Content of Steel and Metal Powders with 14.5 Me V Neutrons, by H. Nickel et al.
GERMAN, per. Archiv fur das Eisenhuttenwesen, 1964, 35, July, 637-647.
*BISI 3909

Sci/Tech & Mat
Mar 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Behaviour of High-Speed Steels
Under Static Bending and Torsion Stress,
by S. Hilles.
GERMAN, per Archiv Fur das Eisenhuttenwesen,
Vol 35, Jul 1964, pp 649-657.
DISI 8011

EE/Cor
Acl/Ed
Apr 65

278,479

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Crystallographic Properties of Deformation Twins in Martensite, by G. Krauss, W. Pitsch
GERMAN, per, Arch. Eisenh., Vol 35, July 1964, pp 667-675
BISI 5537

Sci/Materials
Sep 1966

364.124

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Predetermination of Coke Consumption in the Blast Furnace on the Basis of a Two-stage Heat Materials and Reduction Balance Pts III & IV, by E. Schurmann, D. Butler.
GERMAN, Per, Arch. Eisenh., Vol 35, Aug 1964, pp 677-698.
DISI 4030

Sci/Tech
Jul 65

284,644

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Reuction of Blast Furnace Slags and
Silicon Content of Pig Iron, by W. Oelsen.
GERMAN, per, Arch. Eisenh. Vol 35, No 8,
Aug 1964, pp 699-711.
BISI 4400

EE-Germany
Sci/M&M
Jan 66

293,206

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

On the Development of the Reactions Between Pig Iron Melts, Carbon and Blast Furnace Slags of Different Degrees of Basicity, by W. Oelsen, H. G. Schubert, et al.
GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, No 8, 1964, pp 713-724.
BISI 3954

Sci-M/M
Feb 65

274,562

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Melting in an Electric Arc Vacuum Furnace With Consumable Electrodes, by K. Bungardt, G. Tromel. GERMAN, per. Archiv fuer Eisenhuttenwesen, Vol XXXV, Aug 1964, pp 725-737. BISI 3942

Sci-Engr
Feb 65

274,550

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Solidification Equilibria in the Iron-Rich Corner of the Quaternary System Iron-Carbon-Manganese-Oxygen, by E. Schurmann, et al. GERMAN, per. Arch. Eisenh, Vol 35, Aug 1964, pp 739-747.
BISI 4416

EE-GErmany
Sci/M&M
Apr 66

299,438

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Spectroscopic Analysis of Non-Metallic Material in Works Laboratories, Part II, by S. Eckhard. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXV, 1964, pp 749-758l. BISI 3956

Sci-M/M
Feb 65

274,564

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

R-59/0-D
24 Sept 65

Einfluß von Titan auf die Zug-Druck-Wechselfestigkeit von Stahl bei 20 und 500°C

By: Von Max Kempel

From: ARCHIV FUR DAS EISENHÜTTENWESEN Vol 35, #8 1964, pp 761-771 (11 pp)

German - out for abs:

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development of Hot Cracks in Hot-working Tools Due to Thermal Shocks, by L. Kindbom.
SWEDISH, per, Arch Eisenh, Vol 35, 1964, pp 773-780.
BISI 5055

313,315

Sci - Materials
Nov 66

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Constitution and Properties and Variations Thereof With Time of Heat-Resistant Nickel-Chromium and Cobalt-Nickel-Chromium Alloys, by W. Jellinghaus, GERMAN, per, Arch. Eisenh, Vol 35, Aug 1964, pp 781-800.
BISI 4587

EE-germany
Sci/MEM
MAr 66

297,180

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Examination of Macroscopic Oxides in Killed Steels, by J. Bruch et al.
GERMAN, per, Arch. Eisenh., Vol 85, Nov 1965, pp 799-807.
BISI 4635

Sci-Mgt
May 66

299.816

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

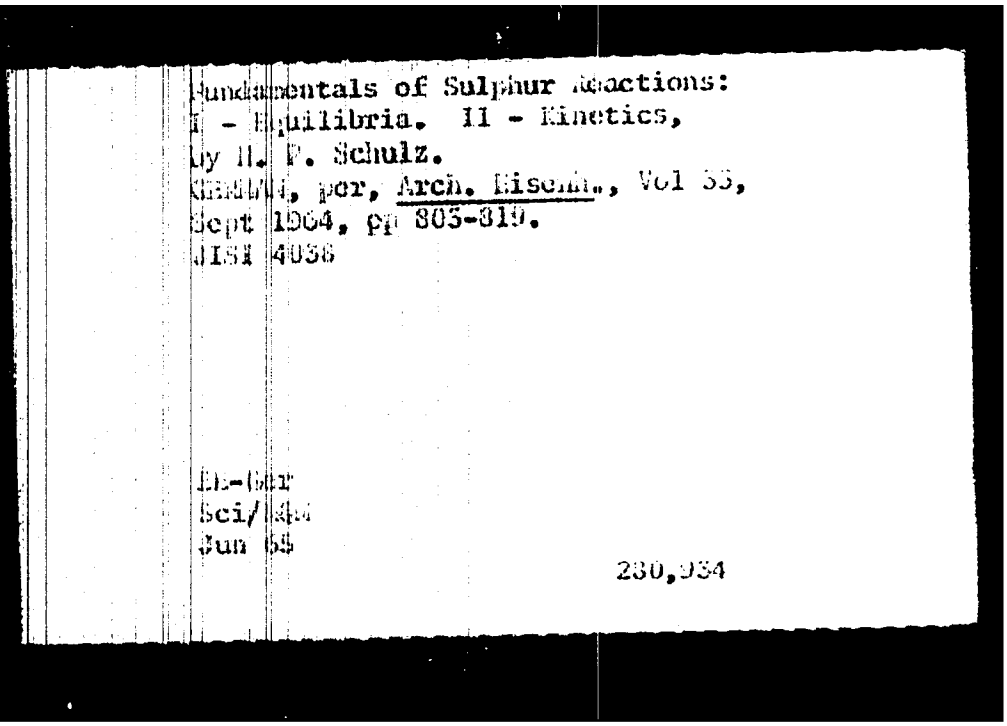
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Temperature Gradient of Semi-Finished Strip, by E. Millies.
GERMAN, per. Archif fur das Eisenhuttenwesen, 1964, 35, Sept.,
*BISI 4010

Sci/Tech & Mat
Mar 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5



Fundamentals of Sulphur Reactions:
I - Equilibria. II - Kinetics,
by H. P. Schulz.
Chemie, per, Arch. Eisenh., Vol 35,
Sept 1964, pp 805-810.
JISI 4056

Ex-Gar
Sci/Sph
Jun 65

230,934

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Discussion on the Problem of Sulphur
Behaviour in Metallurgical Reactions.
GERMAN, per, Arch. Eisenh., Vol 35,
Sept. 1964, pp 821-825.
BISI 4039

NE-Gor
Sci/Tech
Jan 65

280,935

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Problem of Oxidation of Iron at High Temperatures, by K. Hedden, G. Lehmann,
GERMAN, per, Arch. Eisenh. Vol 35, Sep 1964, pp 839-846.
BISI 4197

Sci/Tech
Aug 65

284,703

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Mass Spectrographic Analysis of Iron, by W. Koch, K. H. Sauer.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1964, Vol XXXV, Sept, pp 861-866.
BISI 4062

278,648

Sci-IM
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Spectroscopic Analysis of Non-metallic Materials in Works' Laboratories III - Analysis of iron ore sinter and blast furnace slags with a programmed X-ray flourescence spectrometer, by A. Stotter; H. Korn.

CHEMIE, per Archiv fur das Eisenhuttenwesen, Vol 35, Sep 1964, pp 867-869.

B151 4059

EE-Germany

Sci/Apl

May 65

275,818

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Materials in Works' Laboratories IV -
Spectroscopic Determination of the Slag
Composition During Melting,
by P. Dickens, P. Konig, et al.
GERMAN, per, Arch. Eisenh., Vol 35,
Sep. 1964, pp 871-875.
DISI 4000

EE-Ger
Sci/Tech
May 65

279,540

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Observations on Cracks in Welded Plate Stressed at Right Angles to Surface, by H. J. Meyer.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 9, 1964, pp 903-908.
HB 6206

Scl/M&M
Apr 65

277,186

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Yield-Point of Ferrite at the Syrface of Tensile Test Specimens Cut From Plain Carbon Steels With 0.03 to 1.15%C, by H. Emter, E. Machermuch. GERMAN, per, Arch. Eisenh. Vol 35, Sep 1964, pp 909-918. BISI 4240

Sci/MM
Sep 65

289,317

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Development, Design and Calculation of a Mathematica Model of the Blast Furnace - Pt VI, by R. Wartmann. GERMAN, per, Arch. Eisenh, Vol 35, Oct 1964, pp 941-954.
BISI 4099

Sci/Hist
Sep 65

289,341

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Mechanical, Thermal and Chemical Behaviour of Finely Pulverised Coal on Injection into the Blast Furnace and the Resulting Changes in Blast Furnace Data, by L. von Bogdandy, R. Gorgen.
GERMAN, Per, Arch. Eisenh., Vol 35, Oct 1964, pp 963-976.
BISI 4418

Sci/Tech
Nov 65

292,060

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Spectrographic Determination of Low Boron Contents in Cast Iron and Steel, by W. Koch, K. H. Sauer. GERMAN, per, Archiv Eisenhüttenwesen, Vol 35, No 10, 1964, pp 983-986.
HB 6421

EEur-GER
Sci/M&M
Apr 65

277,126

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Determination of the Oxygen Content of Steel Using 14 MeV Neutrons, by H. J. Kopineck, et al.

GERMAN, per, Archiv fur das Eisenhuttenwesen, 1964, Vol XXXV, Oct, pp 987-991.
BISI 4029

278,645

Sci-22
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Effect of Chromium on Carbon Activity in the Iron-Chromium-Carbon System at 1,000° C, by
K. Bungardt
GERMAN, per, Arch. Eisenh., Vol 35, Oct 1964,
pp 999-1007
BISI 5538

341736

Wour
Sci/M
Oct 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

On the Formation of Conchoidal Fracture in Cast Steel, by F. K. Naumann.
GERMAN, per, Archiv Eisenhüttenwesen, Vol 35, No 10, 1964, pp 1009-1010.
HB 6420

1:Eur-Cer
Sci/M:M
Apr 65

277,127

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Study of the Internal Oxidation of Iron Alloys, by K. Bohmenkamp, H.J. Engell. GERMAN, per, Arch. Eisenh. Vol 35, Oct 1964, pp 1011-1018. BISI 3196

Sci/[illegible]
Sep 65

289,293

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Brittle Fractures Due to Pearlite Degeneration in Structural Parts of Low-Carbon Steel,
by E. Kauczor.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 11, 1964, pp 111-113.
HB 6453

EE-Ger
Sci/M&M
May 65

280,709

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Equilibrian Between Pig Iron Melts and Lime-Silica-Alumina Slages During the Progress of Carbon Reaction, by W. Oelsen, H. G. Schubert. GERMAN, per. Arch. Eisenh, Vol 35, Nov. 1964, pp 1039-1057. BISI 4768

Sci-MGM
June 66

303,548

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Rapid Analysis of Oxygen by the Carrier-Gas Method and Rapid Sampling of Steel Under a Protective Atmosphere, by K. Moresch, H. Leum.
GERMAN, per, Arch. Eisenh. Vol 35, Nov. 1964, pp 1059-1064.
BISI 4176

Sci/Tech
Oct 65

289,369

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

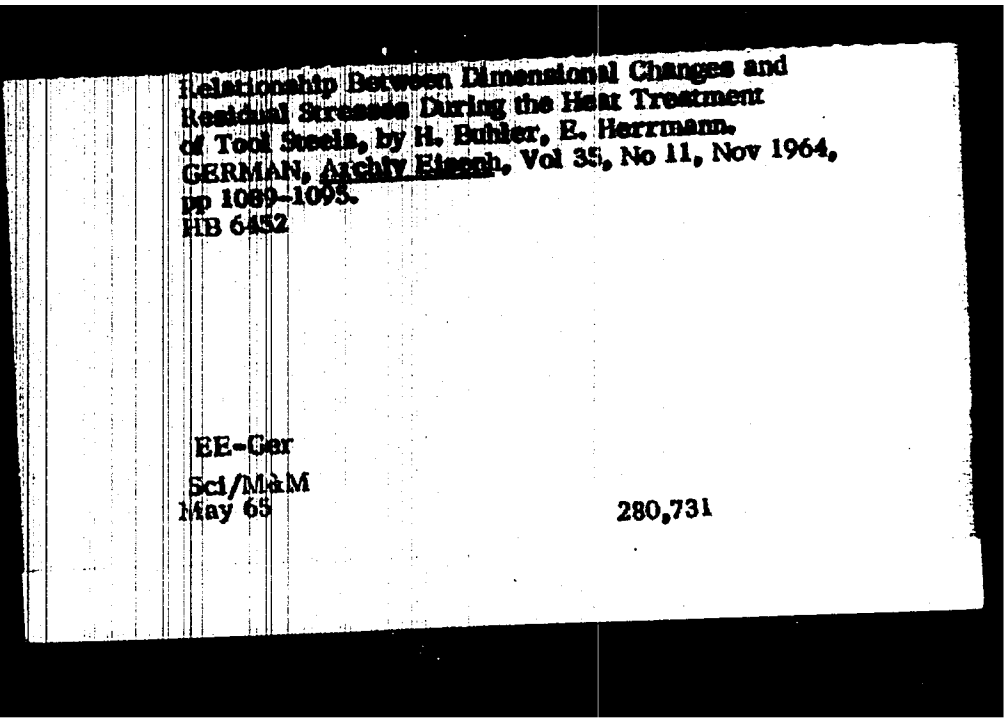
Effect of Sulphur Contents up to 0.25 percent on the Mechanical Properties and Brittle Behaviour of Pure Iron Containing 0.001 - 0.08 percent Oxygen, by A. Hoffmann, W. A. Fischer.
GERMAN, per, Arch. Eisenh., Vol 35, Nov 1964, pp 1069-1078.
BISI 5111

334,798

Sci - Behavioral and Social Sciences
Feb 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5



Relationship Between Dimensional Changes and Residual Stresses During the Heat Treatment of Tool Steels, by H. Buhler, E. Herrmann. GERMAN, Archiv Eisenh, Vol 35, No 11, Nov 1964, pp 1089-1095.
HB 6452

EE-Ger
Sci/M&M
May 65

280,731

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Investigations on the Diffusion and Precipitation of Carbon in Ferritic Iron-Nickel Alloys by Measuring the Damping Capacity, by W. Heller, J. Braumer.
GERMAN, per. Arch. Eisenh., Vol 35, Nov 1964, pp 1105-1110.
BISI 5708

Sci/Mat
Dec 68

354,404

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Investigations Into the Reasons for the Occurence of Hot-Shortness in Ordinary Low-Alloy Structural Steels, by W. Dahl, H. Hengstenberg. GERMAN, per, Arch. Eisenh. Vol 35, Dec 1964, pp 1123-1131. BISI 4151

Sci/MEM
Jun 65

280,948

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

The Hot-Workability of Steels in the Temperature Range Around 1000°C, by P. Opel, S. Wagner.
GERMAN, per, Arch Eisenh., Vol 35, Dec 1964, pp 1133-1144.
BISI 4132

EU-Ger
Sci/Tech
May 65

279,551

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Determination of the Properties and Composition of Gases With Gas Chromatography Apparatus, by E. Luth. GERMAN, por, Arch. Eisenh. Vol 55, Dec 1964, pp 1151-1160. BISI 4117

Sci/Tech
Jul 65

284,645

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Spectrometric Analysis of Non-Metallic Materials in Steel Works Laboratories, by W. Brokopf. GERMAN, per, Arch Eisenh, Vol 35, Dec 1964, pp 1161-1163.
BISI 5385
AP 5076

Sci-Mat
Feb 68

349.025

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Equilibrium Investigations into the Iron-Manganese-Carbon Systems as an Example of the Use of Isolation Methods for Establishing and Checking Phase Diagrams, by W. Koch, H. Keller.
GERMAN, per, Archiv Eisenhuttenwesen, Vol 35, No 12, 1964, pp 1173-1180.
HB 6489

EE-Ger
Sci/M&M
May 65

280,708

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5

Oscilloscopic Investigation of Martensite Formation in Iron-Nickel Alloys-Explanation of Anomalous Potentials, by Heinz Kirnich and Ernst Wachtel, 44 pp.
GERMAN, per, Arch Eisenhutten, Vol 35, 1964, pp 1193-1202. P91101446S
AEC UCRL-TRANS-10137

Sci-Materials
Mar 68 350,670

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900066-5